

REMARKS

Pursuant to the requirements of 37 C.F.R. §§ 1.821-1.825, Applicants submit the enclosed Sequence Listing and computer readable form (CRF). The amino acid sequences disclosed in the specification, claims, and drawings may be found in computer readable form in file 010673.txt on the enclosed diskette and are presented in the paper copy of the Sequence Listing, also enclosed.

Applicants hereby certify that the information recorded in computer readable form (CFR) supplied on the enclosed diskette as file 010673.txt is identical to the written Sequence Listing. The material presented in computer readable form is not new matter because it presents sequences the same as those disclosed in the specification, as filed.

The required copy of the "Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures" is also enclosed.

Applicants believe that the requirements of 37 C.F.R. §§ 1.821-1.825 have been met.

Respectfully submitted,

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MARKED-UP VERSION OF THE SPECIFICATION

On page 10, starting at line 29 and bridging to page 11, line 23, please delete and replace the current version of the paragraph with the following replacement paragraph:

For inhibition of the serine protease cathepsin G, X is preferably selected from Cbz-Gly-Leu-Phe-, Z-Phe-Pro-Phe-, and Suc-Val-Pro-Phe-. For prolyl oligopeptidase, X may be selected from among the following: Cbz-Gly-Gly-Pro-, Cbz-Pro-Pro-, Boc-Val-Pro-Val-, MeO-Suc-Ala-Ala-Ala-Val- (SEQ ID NO: 1), MeO-Suc-Ala-Ala-Pro-Val- (SEQ ID NO: 2). For DPP IV, X is as follows: Ala-Pro-, Pro-Pro-, Ala-Pip-, Phe-Pro-, Ile-Pro-, Arg-Pro-, pF-Phe-Pro-, cyclohexylala-Pro-, Pro-azetidine-, Phe-azetidine-, Lys-Pro-, Lys-azetidine-. X is selected from among Suc-Lys(Cbz)-Val-Pro-Val- (SEQ ID NO: 3), Z-Ala-Ala-Ala- and Boc-Val-Pro-Val- in case the enzyme to be inhibited is human leukocyte elastase. For Granzyme A, X may be selected from Cbz-(4-amidinophenylalanine)-, Z-Met-, 3-phenyl propanoyl-Pro-(4-aminophenylalanine)-, Cbz-Thr-(4-amidinophenylglycine)-, and Boc-D-Phe-Pro-(4-amidinophenylalanine)-. X may be Z-Phe-Pro-Phe-, Z-Phe-, Suc-Val-Pro-Phe-, MeO-Suc-Ala-Ala-Pro-Phe- (SEQ ID NO: 4), or MeO-Suc-Ala-Ala-Ala-Phe- (SEQ ID NO: 5), when the enzyme to be inhibited is chymotrypsine. For trypsin-like serine-type proteases, X may be selected from among Cbz-Orn-, Cbz-Lys-Ala-, Cbz-Lys, Cbz-HomoLys-, Cbz-(4-amidinophenylalanine)-, Cbz-(4-amidinophenylglycine)-, Ph-CH₂-SO₂-Gly-Pro-(4-amidinophenylglycine)-, 3-(2-furyl)acryloyl-(4-amidinophenylglycine), Cbz-Lys-(4-amidinophenylglycine)-, Cbz-Lys-Ala-(4-amidinophenylglycine)-, Cbz-Thr-(4-amidinophenylglycine)-, 3-(2-furyl)acryloyl-(4-amidinophenylalanine)-, Cbz-Ala-(4-amidinophenylglycine)-, Cbz-Ala-Ala-Ala-(4-amidinophenylglycine)-, 2-phenoxybenzoyl-Pro-(4-amidinophenylglycine)-, 3-phenoxybenzoyl-Pro-(4-amidinophenylglycine)-, 3-phenyl propanoyl-Pro-(4-amidinophenyl-

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alanine)-, 3, 3-diphenyl propanoyl-Pro-(4-amidinophenylglycine)-. For inhibition of V8 protease
of S.aureus, X can be either Acetyl.Glu- or Acetyl.Asp-.